

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

ATTY DOCKET NO.

DC4960

SERIAL NO.

09/973,498

Chaudhury, et. al.

FILING

October 9, 2001

GROUP

1713

DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JTK	4,639,285	1/27/87	Suzuki, et. al.	156	272.6	
	4,753,978	6/28/88	Jensen	524	862	
	4,766,176	8/23/88	Lee, et. al.	525	100	
	4,868,096	9/19/89	Nakayama, et. al.	430	329	
	4,897,153	1/30/90	Cole, et. al.	156	643	
	4,933,060	6/12/90	Prohaska, et. al.	204	192.36	
	5,017,654	5/21/91	Togashi, et. al.	525	100	
	5,110,845	5/5/92	Gray, et. al.	523	211	
	5,148,266	9/15/92	Khandros, et. al.	357	80	
	5,344,467	9/6/94	Huang, et. al.	44	358	
JTK	5,346,861	9/13/94	Khandros, et. al.	437	209	

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JTK	JP 06-346034	12/20/94	Japan (abstract only)				
	JP 2000-73029	3/7/00	Japan (abstract only)				
	JP 11-277699	10/12/99	Japan (abstract only)				
	JP 09-214140	8/15/97	Japan (abstract only)				
JTK	JP 08-335608	12/17/96	Japan (abstract only)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

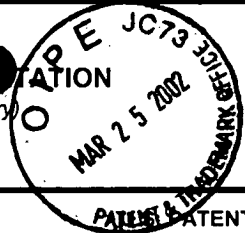
JTK		University of California, Los Angeles, Electronic Materials, Eli Yablonovitch, Vol. 9, pages 219-229.
JTK		Analytical Chemistry, David C. Duffy, et. al., "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)" Vol. 70, No. 23, December 1, 1998.

EXAMINER

DATE CONSIDERED

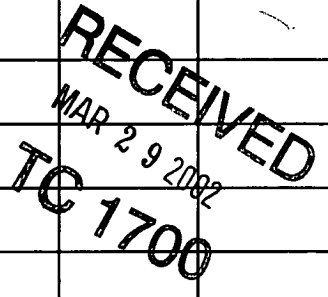
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. DC4960		SERIAL NO. 09/973,498	
				Chaudhury, et. al.			
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PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JTA	5,347,159	9/13/94	Khandros, et. al.	257	692		
	5,357,005	10/18/94	Buchwalter, et. al.	525	436		
	5,477,611	12/26/95	Sweis, et. al.	29	840		
	5,848,467	12/15/98	Khandros, et. al.	29	841		
	5,858,815	1/12/99	Heo, et. al.	438	112		
	5,977,226	11/2/99	Dent, et. al.	524	267		
JTA	6,074,895	6/13/00	Dery, et. al.	438	108		

FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
JTA	JP 08-153833	6/11/96	Japan (abstract only)					

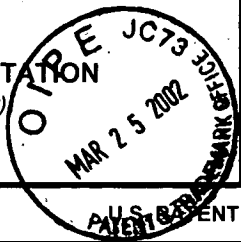


OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
JTA		American Chemical Society, "Rate-Dependent Fracture at Adhesive Interface", Manoj K. Chaudhury, May 26, 1999, pages 6562-6566.
JTA		Adhesion '99, Seventh International Conference on Adhesion and Adhesives, Churchill College, Cambridge, UK, September 15 -17, 1999, "Adhesion Measurement of Silicone Thin Films," Bhukan Parbhoo and Manoj K. Chaudhury, pages 350 - 356.

EXAMINER J. T. Huan	DATE CONSIDERED 9/15/03
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U.S. PATENT DOCUMENTS

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TC 1700

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

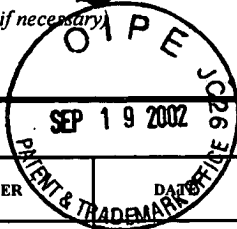
	Langmuir, "Direct Measurement of Interfacial Interactions between Semispherical Lenses and Flat Sheets of Poly(dimethylsiloxane) and Their Chemical Derivatives" Manoj K. Chaudhury and George M. Whitesides, 1991, Vol. 7, pages 1013-1025.

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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

DC49

Application Number

09/973,498

Applicant(s)

Chaudhury, et. al.

Filing Date

October 9, 2001

Group Art Unit

1713

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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SEP 20 2002
TC 1700

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
JMS		WO 01/61743 A1	8/23/01	Europe			✓	
JMS		WO 02/13247 A1	2/14/02	Europe			✓	
JMS		JP2002-026123A	1/25/02	Japan			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JMS		2002 Electronic Components and Technology Conference, "Surface Activated Bonding for New Flip Chip and Bumpless Interconnect System", Tadatomo Suga, et. al., Institute for Advanced Micro-system Integration (IMSI), The University of Tokyo, RCAST, Toray Engineering Co. Ltd., 7 pages.

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